

DESCRIPTION

FLUORINE-CONTAINING COMPOUND, AND WATER AND OIL REPELLENT

COMPOSITION

TECHNICAL FIELD

5 The present invention relates to a useful novel
 fluorine-containing compound which is capable of
 providing dry soil resistance, etc., when incorporated to
 a water and oil repellent, etc., and a water and oil
 repellent composition.

10 BACKGROUND ART

Fluorine-containing compounds are widely used as
 additives to impart various properties such as a
 lubricating property, a penetration property, a film-
 forming property and a hand modification. For example,
 15 there is a specific fluorine-containing compound to be
 incorporated in a water and oil repellent composition,
 whereby a coating film excellent in water and oil
 repellency can be obtained even by curing at a low
 temperature (JP-A-10-81873), or a specific fluorine-
 20 containing compound to be incorporated in a composition
 which is capable of imparting dust soil resistance to
 fiber (WO96-38622).

However, when a conventional fluorine-containing
 compound is used as an additive, there has been a problem
 25 such that precipitates tend to form depending upon the
 ionic nature of the main agent of e.g. a water and oil
 repellent, or there has been a problem such that it can

09976435-101501

PS 10/13/01 This App is a con of PCT/JP01/01425 2/26/01